

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Widmer
Docket No.: YOR920030631US1
Serial No.: 10/799,054
Patent No.: 6,876,315
Issue Date: April 5, 2005
Group: 2819
Examiner: Khai M Nguyen

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature: M. J. Lagan Date: August 3, 2005

Title: DC-Balanced 6B/8B Transmission Code with Local Parity

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Certificate of Corrections Branch

Sir:

Certificate
AUG 15 2005
of Correction

Submitted herewith are the following documents relating to the above-identified patent:

1. Request for Certificate of Correction Under 37 CFR §1.322(a); and
2. Certificate of Correction

There is no additional fee due in conjunction with this Certificate of Correction. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Deposit Account No. 50-0510** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Kevin M. Mason

Kevin M. Mason
Attorney for Applicants
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Date: August 3, 2005

AUG 16 2005

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Signature: *M. J. Mason* Date: August 3, 2005

Title: DC-Balanced 6B/8B Transmission Code with Local Parity

REQUEST FOR CERTIFICATE OF CORRECTION OF
PATENT FOR PTO MISTAKE(S) UNDER 37 CFR §1.322(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Certificate of Corrections Branch

Sir:

In accordance with 37 CFR §1.322, the patentee for the above-identified patent hereby requests the issuance of a Certificate of Correction with respect to errors in the above-identified patent.

The errors are set forth on the proposed Certificate of Correction (PTO-1050) submitted herewith, in duplicate.

There is no additional fee due in conjunction with this Certificate of Correction. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Deposit Account No. 50-0510** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Kevin M. Mason

Date: August 3, 2005

Kevin M. Mason
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AUG 16 2005

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,876,315
DATED : April 5, 2005
INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Abstract, line 2, before "format" and after "an" replace "eight-hit" with - eight-bit -.

In the Specification, column 7, lines 11-12, replace

“ $a = A \cdot (\overline{A}B \cdot E \cdot F \cdot C \oplus D + \overline{A} \cdot B \cdot C \cdot D \cdot E \oplus F + \overline{A} \cdot B \cdot C \cdot D \cdot E \cdot F)' +$ „

$\overline{A} \cdot B' \cdot E' \cdot F' \cdot C \oplus D + \overline{A}' \cdot B' \cdot C' \cdot D' \cdot E \oplus F + \overline{A}' \cdot B' \cdot C' \cdot D' \cdot E' \cdot F'$

with:

-- $a = A \cdot (\overline{A} \cdot B \cdot E \cdot F \cdot C \oplus D + \overline{A} \cdot B \cdot C \cdot D \cdot E \oplus F + \overline{A} \cdot B \cdot C \cdot D \cdot E \cdot F)' +$ --

$\overline{A}' \cdot B' \cdot E' \cdot F' \cdot C \oplus D + \overline{A}' \cdot B' \cdot C' \cdot D' \cdot E \oplus F + \overline{A}' \cdot B' \cdot C' \cdot D' \cdot E' \cdot F'$

In the Specification, column 8, line 1, replace

“ $e = E \cdot (C \cdot D \cdot \overline{E} \cdot F \cdot A \oplus B + A \cdot B \cdot C \cdot D \cdot \overline{E} \cdot F)' + C' \cdot D' \cdot F' \cdot A \oplus B + A' \cdot B' \cdot C' \cdot D' \cdot F'$ ”

with:

-- $e = E \cdot (C \cdot D \cdot \overline{E} \cdot F \cdot A \oplus B + A \cdot B \cdot C \cdot D \cdot \overline{E} \cdot F)' +$ --

$C' \cdot D' \cdot \overline{E}' \cdot F' \cdot A \oplus B + A' \cdot B' \cdot C' \cdot D' \cdot \overline{E}' \cdot F'$

MAILING ADDRESS OF SENDER:

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PATENT NO. 6,876,315

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PATENT NO : 6,876,315
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification, column 10, line 26, replace

" $e = E \oplus \{(E \oplus \overline{F}') \cdot (C \oplus D' \cdot D \oplus E' \cdot A \oplus B' \cdot B \oplus C')\}$ "

with:

$e = E \oplus \{(C \oplus D' \cdot D \oplus \overline{E}' \cdot \overline{E} \oplus F') \cdot$
 $(A \oplus B + A \oplus B' \cdot B \oplus C')\}$

In the Specification, column 10, line 61, replace

" $\overline{a} \cdot b' \cdot e \cdot f \cdot g \cdot h' \cdot c \oplus d + \overline{a}$ " with -- $\overline{a} \cdot b' \cdot e' \cdot f \cdot g \cdot h' \cdot c \oplus d + \overline{a}$ --.

In the Specification, column 11, line 8, replace

" $n3 = \overline{a} \cdot b' \cdot c' \cdot d \cdot e \cdot f' \cdot g \cdot h' + \overline{a} \cdot b' \cdot e' \cdot f \cdot g \cdot h' \cdot c \oplus d + \overline{a} \cdot b \cdot c' \cdot d' \cdot d' \cdot g \cdot h' \cdot e \oplus f$ "

with:

-- $n3 = \overline{a} \cdot b' \cdot c' \cdot d \cdot e \cdot f' \cdot g \cdot h' + \overline{a} \cdot b' \cdot e' \cdot f \cdot g \cdot h' \cdot c \oplus d + \overline{a} \cdot b \cdot c' \cdot d' \cdot g \cdot h' \cdot e \oplus f$ --.

In the Specification, column 11, line 20, replace

" $B = b \cdot (a \cdot \overline{b} \cdot c' \cdot d' \cdot h' \cdot e \oplus f)' + a' \cdot \overline{b}' \cdot c \cdot d \cdot g \cdot h' \cdot e \oplus f$ "

with:

-- $B = b \cdot (a \cdot \overline{b} \cdot c' \cdot d' \cdot g \cdot h' \cdot e \oplus f)' + a' \cdot \overline{b}' \cdot c \cdot d \cdot g \cdot h' \cdot e \oplus f$ --.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,876,315
DATED : April 5, 2005
INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification, column 11, line 33, replace

" $C = c \cdot (a' \cdot b' \cdot d' \cdot e \cdot f \cdot g \cdot h)' + a \cdot b \cdot d \cdot e' \cdot f' \cdot g \cdot h'$ "

with:

-- $C = c \cdot (a' \cdot b' \cdot d' \cdot e \cdot f \cdot g \cdot h)' + a \cdot b \cdot d \cdot e' \cdot f' \cdot g \cdot h'$ --.

In the Specification, column 12, line 14, before "D132" and after "D116," replace "D115," with - D115, --.

In the Specification, column 12, lines 26-27, replace

„ $F = f \cdot (c' \cdot d' \cdot \bar{f} \cdot g \cdot h' \cdot a \oplus b + a \cdot b' \cdot e' \cdot \bar{f} \cdot g \cdot h' \cdot c \oplus d)' +$ „

$c \cdot d \cdot e' \cdot \bar{f}' \cdot g \cdot h' \cdot a \oplus b + a' \cdot b \cdot e \cdot \bar{f}' \cdot g \cdot h' \cdot c \oplus d$

with:

-- $F = f \cdot (c' \cdot d' \cdot e \cdot \bar{f} \cdot g \cdot h' \cdot a \oplus b + a \cdot b' \cdot e' \cdot \bar{f} \cdot g \cdot h' \cdot c \oplus d)' +$

$c \cdot d \cdot e' \cdot \bar{f}' \cdot g \cdot h' \cdot a \oplus b + a' \cdot b \cdot e \cdot \bar{f}' \cdot g \cdot h' \cdot c \oplus d$ --.

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In the Specification, column 12, line 33, replace

“ $n52 = c' \cdot d' \cdot e \cdot \bar{f} \cdot g \cdot h' \cdot a \oplus b + a \cdot b' \cdot e' \cdot f \cdot gh' \cdot c \oplus d$ ”

with:

-- $n52 = c' \cdot d' \cdot e \cdot \bar{f} \cdot g \cdot h' \cdot a \oplus b + a \cdot b' \cdot e' \cdot \bar{f} \cdot g \cdot h' \cdot c \oplus d$ --.

In the Specification, column 12, line 68, replace

“ $n64 = g \cdot h \cdot e \oplus f + e' \cdot f' \cdot g \oplus h$ ”

with:

-- $n64 = g' \cdot h' \cdot e \oplus f + e' \cdot f' \cdot g \oplus h$ --.

In the Specification, column 13, lines 28-29, replace

“ $A = a \oplus \{(e \oplus f \cdot g \cdot h) \cdot (\bar{a} \oplus b \cdot b \oplus c' \cdot c \oplus d \cdot d \oplus e' + \bar{a} \oplus b \cdot b \oplus e' \cdot c \oplus d + \bar{a} \oplus b' \cdot b \oplus c \cdot c \oplus d')\}$ ”

with:

-- $A = a \oplus \{(e \oplus f \cdot g \cdot h') \cdot (\bar{a} \oplus b \cdot b \oplus c' \cdot c \oplus d \cdot d \oplus e' + \bar{a} \oplus b \cdot b \oplus e' \cdot c \oplus d + \bar{a} \oplus b' \cdot b \oplus c \cdot c \oplus d')\}$ --.

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In the Specification, column 13, line 34, replace

“ $D = d \oplus (a \oplus b \bullet b \oplus c'c \oplus \bar{d} \bullet \bar{d} \oplus e' \bullet e \oplus f \bullet g \bullet h')$ ”

with:

-- $D = d \oplus (a \oplus b \bullet b \oplus c' \bullet c \oplus \bar{d} \bullet \bar{d} \oplus e' \bullet e \oplus f \bullet g \bullet h')$ --.

In the Specification, column 13, line 42, replace

“ $(a \oplus b \bullet c \oplus d' + a \oplus b' \bullet c \oplus d) \bullet (e \oplus f \bullet g \bullet h' + e \oplus f')$ ”

with:

-- $(a \oplus b \bullet c \oplus d' + a \oplus b' \bullet c \oplus d) \bullet (e \oplus f \bullet g \oplus h' + e \oplus f')$ --.

In the Specification, column 13, line 51, after “e.g.,” replace “2xfINV” with – 2xINV --.

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